Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Thursday 23 Nov 2023 until 23:59 on Friday 24 Nov 2023

Forecast Issued on Thursday 23 Nov 2023 at 02:08

Confidence: High for rain at first, clearing to a cold, mostly dry and largely sunny Friday and Saturday. Moderate confidence for the timing of milder air and rain returning from the west Sunday. Low confidence for extent of colder conditions later Monday.

Headline for Thursday 23 Nov 2023: Cloudy with spells of rain and drizzle across western hills, clearing during the afternoon. Strong winds, especially across higher routes

Mountain weather hazards on Thursday 23 Nov 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Dull	Dull	Drizzle	Heavy Rain	Cloudy	Partly cloudy (night)
Precipitation probability					
30%	30%	50%	60%	30%	<05%

Forecast for Thursday 23 Nov 2023

Weather: Mainly cloudy through much of the morning and early afternoon with spells of rain and drizzle, chiefly focused across western ranges. Some brighter intervals developing in the east, but these remaining limited. Band of more persistent rain reaching northern hills during the afternoon, clearing south by the evening.

Chance of cloud-free hill tops above 600m: 20% in west, 60% in east. Increasing after rain clears to near 100% for all by midnight.

Low cloud and visibility: Cloud obscuring tops above 500m in west, perhaps as low as 400m at time in any heavier bursts of rain or drizzle. Cloud more broken across eastern ranges, but some hills obscured at times. Otherwise moderate visibility, falling to poor in rain and drizzle. Cloud lifting above summits and breaking towards midnight.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Thursday 23 Nov 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	30/37 W	32/42 W	34/45 W	36/48 W	30/40 NW	26/35 NW	22/30 NW
300	23/31 W	24/34 W	27/38 W	28/39 W	22/31 NW	20/30 NW	20/30 NW
Valley	15/30 W	16/33 W	19/39 W	20/39 W	15/32 NW	13/28 NW	13/28 NW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/2	7/1	7/1	8/2	6/-0	4/-2	3/-3
300	9/4	9/4	9/4	10/5	8/4	7/2	6/1
Valley	9/6	9/6	10/6	10/7	9/5	7/4	6/2
Freezing Level*	2300m	2400m	2300m	2200m	1800m	1100m	800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Poor visibility will be an issue across all high level routes, along with strong blustery winds, and upland gales. Feeling colder at height, despite milder temperatures at lower levels, with warm layers essential.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Thu 23 Nov 2023	0.6mm	2.6mm	10mm

Forecast for Friday 24 Nov 2023

Weather: A much clearer and colder day, with variable cloud and sunny spells. The brisk wind continuing on the tops, with a significant wind chill.

Maximum wind: Northwest 30mph gust 40mph gradually easing to Northerly 15-20 mph.

Chance of cloud-free hill tops above 600m: Near 100%

Low cloud and visibility: Very good to excellent visibility expected with distant hills visible.

Temperature: **Valleys:** Zero Celsius rising to Plus 7 Celsius
At 600m: Plus 2 Celsius falling to Zero Celsius by midday, and Minus 2 Celsius after dark.
Freezing level: Above summits, lowering to 400m by the evening.

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